

### **ABSTRACT OF THE DISCLOSURE**

1           Lightweight, structurally integral, and strong composite rack shelving that includes a  
2 shelf. The shelf includes a honeycomb core sandwiched between an upper skin and a lower  
3 skin so as to form a composite structure that is lightweight and strong. The shelf has a  
4 plurality of through bores that pass vertically therethrough which allow flames under the shelf  
5 to pass upwardly therethrough instead of sidewardly therealong and to pass an extinguishant  
6 thereabove to flow downwardly therethrough for extinguishing the flames thereunder.